

I. Amendments to the Specification

Please replace the paragraph at page 1, lines 4-5 with the following paragraph:

This application claims priority to PCT/CA2004/002039 filed November 26, 2004, which claims priority to U.S. Provisional Application Serial No. 60/525,479 filed November 26, 2003.

Please replace the Abstract with the following:

The present invention provides a method for determining a sequence to administer multiple types of chemotherapeutic drugs for killing cancerous cells to reduce the induction of drug cross-resistance in a patient. The methods also involves screening drug candidates to select a lead anticancer drug from amongst a plurality of candidate drugs, the lead having a reduced capacity to induce cross resistance in a patient against one or more known anticancer drugs, and all of the drugs having the ability to kill cancerous cells of the same selected tumour type. Moreover, the methods involve determining a sequence to administer multiple types of cytotoxic drugs for killing undesired cells to reduce the induction of drug cross-resistance in the cells.